

**ATTACHMENT C**  
**LABORATORY METHODS**

**APPROVED ANALYTICAL METHODS FOR ORGANIC COMPOUNDS**

ANALYTE	SOLID AND HAZARDOUS WASTE METHODS		WATER METHODS	
	No.	PARAMETER	No.	PARAMETER
<b>Benzene</b>	8020* 8021* 8240 8260	Aromatic Volatile Organics Halogenated and Aromatic Volatiles Volatiles Volatiles	502.2 503.1 524.1 524.2 602 624 1624	Volatile Org. Cmp., Purgeable Org. Cmp. Volatile Aromatic & Unsat. Organic Cmp. Purgeable Organic Compounds Purgeable Organic Compounds Purgeable Aromatics Purgeables Volatile Organic Compounds
<b>BTEX</b>	8020* 8021* 8240 8260	Aromatic Volatile Organics Halogenated and Aromatic Volatiles Volatiles Volatiles	502.2 503.1 524.1 524	Volatile Org. Cmp., Purgeable Org. Cmp. Volatile Aromatic & Unsat. Organic Cmp. Purgeable Organic Compounds Purgeable Organic Compounds
<b>1,2-DCA</b>	8010* 8021* 8240 8260	Halogenated Volatile Organics Halogenated and Aromatic Volatiles Volatiles Volatiles	502.1 502.2 524.1 524.2 601 624 1624	Volatile Halogenated Organic Compounds Volatile Org. Cmp., Purgeable Org. Cmp. Purgeable Organic Compounds Purgeable Organic Compounds Halogenated Volatile Organics Purgeables Volatile Organic Compounds
<b>Ethylbenzene</b>	8020* 8021* 8240 8260	Aromatic Volatile Organics Halogenated and Aromatic Volatiles Volatiles Volatiles	502.2 503.1 524.1 524.2 602 624 1624	Volatile Org. Cmp., Purgeable Org. Cmp. Volatile Aromatic & Unsat. Organic Cmp. Purgeable Organic Compounds Purgeable Organic Compounds Purgeable Aromatics Purgeables Volatile Organic Compounds
<b>MtBE</b>	8020* 8240* 8260	Aromatic Volatile Organics Halogenated and Aromatic Volatiles Volatiles	503.1	Volatile Aromatic & Unsat. Organic Cmp.
<b>Naphthalene</b>	8021* 8100 8250 8270 8310 8260	Halogenated and Aromatic Volatiles Polynuclear Aromatic Hydrocarbons Semivolatile Organic Compounds Semivolatile Organic Compounds Polynuclear Aromatic Hydrocarbons Volatiles	502.2 503.1 524.2 550 550.1 610 625 1625	Volatile Org. Cmp., Purgeable Org. Cmp. Volatile Aromatic & Unsat. Organic Cmp. Purgeable Organic Compounds Polycyclic Aromatic Hydrocarbons Polycyclic Aromatic Hydrocarbons Polynuclear Aromatic Hydrocarbons Base/Neutrals & Acids Semivolatile Organic Compounds
<b>Toluene</b>	8020* 8021* 8240 8260	Aromatic Volatile Organics Halogenated and Aromatic Volatiles Volatiles Volatiles	502.2 503.1 524.1 524.2 602 624 1624	Volatile Org. Cmp., Purgeable Org. Cmp. Volatile Aromatic & Unsat. Organic Cmp. Purgeable Organic Compounds Purgeable Organic Compounds Purgeable Aromatics Purgeables Volatile Organic Compounds
<b>Xylene</b>	8020* 8021* 8240 8260	Aromatic Volatile Organics Halogenated and Aromatic Volatiles Volatiles Volatiles	502.2 503.1 524.1 524.2	Volatile Org. Cmp., Purgeable Org. Cmp. Volatile Aromatic & Unsat. Organic Cmp. Purgeable Organic Compounds Purgeable Organic Compounds

\* Water samples must be prepared using method 5030 (purge & trap extraction) if this test method is used.

## APPROVED ANALYTICAL METHODS FOR ORGANIC COMPOUNDS

ANALYTE	SOLID AND HAZARDOUS WASTE METHODS		WATER METHODS	
	No.	PARAMETER	No.	PARAMETER
Polynuclear Aromatic Hydrocarbons	8310	Polynuclear Aromatic Hydrocarbons	610	Polynuclear Aromatic Hydrocarbons (High performance Liquid Chromatography)
Lead			239.2 200.8 200.9	Atomic Absorption Spectrometry (Graphite Furnace) Inductively Coupled Plasma Mass Spectrometry Atomic Absorption Spectrometry-Stabilized Temperature (Graphite Furnace) Method
<b>Air Sample Analysis:</b> 40 CFR Ch. 1 (7-1-91 Edition) Part 60, Appendix A, Method 18 (Flexible Bag Procedure)				